



U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)

ATTY. DOCKET NO. 100086.415	APPLICATION NO. 10/714,556
APPLICANTS Orest W. Blaschuk et al.	
FILING DATE November 14, 2003	GROUP ART UNIT 1654

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
RT	AA	5,245,012	09/14/93	Lombari et al.	530	353	
	AB	5,417,224	05/23/95	Petrus et al.	128	833	
	AC	5,505,956	04/09/96	Kim et al.	424	448	
	AD	5,510,628	04/23/96	Georger, Jr. et al.	257	32	
	AE	5,613,958	03/25/97	Kochinke et al.	604	307	
	AF	6,110,747	08/29/00	Blaschuk et al.	436	512	
	AG	6,169,071	01/02/01	Blaschuk et al.	514	4	
	AH	6,203,788	03/20/01	Blaschuk et al.	424	93.7	
	AI	6,207,639	03/27/01	Blaschuk et al.	514	11	
	AJ	6,248,864	06/16/01	Blaschuk et al.	530	317	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
RT	AK	0 566 816 A1	10/27/93	EP		
	AL	0 821 060 A	01/28/98	EP (+ abstract)		
	AM	WO91/18098 A	11/28/91	PCT		
	AN	WO00/20607 A	04/13/00	PCT		

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

RT	AP	Al-Obeidi, F., et al., "Peptide and Peptidomimetic Libraries," <i>Molecular Biotechnology</i> 9(3):205-223, June 1998.
	AQ	Avellana-Adalid, V., et al., "Expansion of Rat Oligodendrocyte Progenitors Into Proliferative "Oligospheres" That Retain Differentiation Potential," <i>J. Neurosci. Res.</i> 45:558-570, 1996.
	AR	Baron-Van Evercooren, A., et al., "Cell-Cell Interactions During the Migration of Myelin-Forming Cells Transplanted in the Demyelinated Spinal Cord," <i>GLIA</i> 16:147-164, 1996.

EXAMINER	R. Teller	DATE CONSIDERED
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RT	BA	6,277,824	08/21/01	Doherty et al.	514	13	
	BB	6,294,153	09/25/01	Modi	424	45	
	BC	6,303,576	10/16/01	Blaschuk et al.	514	14	
	BD	6,310,177	10/30/01	Blaschuk et al.	530	317	
	BE	6,326,352	12/04/01	Blaschuk et al.	514	9	
	BF	6,333,307	12/25/01	Blaschuk et al.	514	9	
	BG	6,346,512	02/12/02	Blaschuk et al.	514	11	
	BH	6,358,920	03/19/02	Blaschuk et al.	514	9	
	BI	6,391,855	05/21/02	Blaschuk et al.	514	17	
	BJ	6,417,325	07/09/02	Blaschuk et al.	530	317	
	BK	6,433,149	08/13/02	Blaschuk et al.	530	412	
	BL	6,465,427	10/15/02	Blaschuk et al.	514	9	
	BM	6,472,367	10/29/02	Blaschuk et al.	514	9	
	BN	6,472,368	10/29/02	Doherty et al.	514	9	
	BO	6,562,786	05/13/03	Blaschuk et al.	514	11	

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

RT	BQ	Blaschuk, O., et al., "Cadherins as modulators of angiogenesis and the structural integrity of blood vessels," <i>Cancer and Metastasis Reviews</i> 19:1-5, 2000.
	BR	Blaschuk, O., et al., "Estradiol Stimulates Cadherin Expression in Rat Granulosa Cells," <i>Developmental Biology</i> 136:564-567, 1989.
	BS	Blaschuk, O., et al., "Identification of a Cadherin Cell Adhesion Recognition Sequence," <i>Developmental Biology</i> 139:227-229, 1990.
	BT	Blaschuk, O., et al., "Identification of a Conserved Region Common to Cadherins and Influenza Strain A Hemagglutinins," <i>J. Mol. Biol.</i> 211:679-682, 1990.
	BU	Cardarelli, P., et al., "The Collagen Receptor $\alpha 2\beta 1$, from MG-63 and HT1080 Cells, Interacts with a Cyclic RGD Peptide*," <i>J. Biol. Chem.</i> 267(32):23159-23164, 1992.

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RT	CA	Cepek, K., et al., "Expression of a candidate cadherin in T lymphocytes," <i>Proc. Natl. Acad. Sci. USA</i> 93:6567-6571, 1996.
	CB	Doherty, P., et al., "Signal transduction events underlying neurite outgrowth stimulated by cell adhesion molecules," <i>Curr. Op. Neurobiol</i> 4:49-55, 1994.
	CC	Doherty, P., et al., "The Neural Cell Adhesion Molecule and Synaptic Plasticity," <i>J. Neurobiology</i> 26(3):437-446, 1995.
	CD	Doherty, P., et al., "CAM-FGF Receptor Interactions: A Model for Axonal Growth," <i>Mol. Cell. Neurosci.</i> 8:99-111, 1996.
	CE	Eichler, J., et al., "Peptide, Peptidomimetic, and Organic Synthetic Combinatorial Libraries," <i>Medicinal Research Review</i> 15(6):481-496, November 1995.
	CF	Fannon, A., et al., "A Model for Central Synaptic Junctional Complex Formation Based on the Differential Adhesive Specificities of the Cadherins," <i>Neuron</i> 17:423-434, 1996.
	CG	Franz, T., "The Finite Dose Technique as a Valid <i>in vitro</i> Model for the Study of Percutaneous Absorption in Man," <i>Curr. Prob. Dermatol.</i> 7:58-68, 1978.
	CH	Franz, J., "Percutaneous Absorption. On the Relevance of In Vitro Data," <i>The Journal of Invest. Dermatol.</i> 64:190-195, 1975.
	CI	Gillespie, P., et al., "Conformational Analysis of Dipeptide Mimetics," <i>Peptide Science</i> 43(3):191-217, 1997.
	CJ	Groves, A.K., et al., "Repair of demyelinated lesions by transplantation of purified 0-2A progenitor cells," <i>Nature</i> 362:453-455, 1993.
	CK	Guilford, "E-Cadherin Downregulation in Cancer: Fuel on the Fire?" <i>Molecular Medicine Today</i> 5(4):172:177, April 1999 (XP001155310 ISSN:1357-4310).
	CL	Hall, H., et al., "REVIEW: A Role for the FGF Receptor in the Axonal Growth Response Stimulated by Cell Adhesion Molecules?" <i>Cell Adhesion and Communication</i> 3:441-450, 1996.
	CM	Hruby, V., et al., "Synthesis of oligopeptide and peptidomimetic libraries," <i>Current Opinion in Chemical Biology</i> 1:114-119, 1997.
	CN	Iruela-Arispe et al., "Expression of SPARC during Development of the Chicken Chorioallantoic Membrane: Evidence for Regulated Proteolysis In Vivo," <i>Molecular Biology of the Cell</i> 6:327-343, 1995.
	CO	Jankowski, J.A.Z., et al., "Alterations in Classical Cadherins Associated with Progression in Ulcerative and Crohn's Colitis," <i>Laboratory Investigation</i> 78(9):1155-1167, September 1998.

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RT	DA	Laird, W., et al., "Gap Junction Turnover, Intracellular Trafficking, and Phosphorylation Of Connexin43 in Brefeldin A-treated Rat Mammary Tumor Cells," <i>J. Cell Biol.</i> 131(5):1193-1203, December 1995.
	DB	Lee, M-G., et al., "Expression of the Homotypic Adhesion Molecule E-Cadherin by Immature Murine Thymocytes and Thymic Epithelial Cells ¹ ," <i>J. Immunol.</i> 152:5653-5659, 1994.
	DC	Li, G., et al., "N-Cadherin-mediated Intercellular Interactions Promote Survival and Migration of Melanoma Cells," <i>Cancer Research, Amer. Assoc. for Cancer Research</i> 61(9):3819-3825, May 1, 2001.
	DD	Martin, K., et al., "Cell Adhesion Molecules, CREB, and the Formation of New Synaptic Connections," <i>Neuron</i> 17:567-570, 1996.
	DE	Martin-Padura, I., et al., "Junctional Adhesion Molecule, a Novel Member of the Immunoglobulin Superfamily That Distributes at Intercellular Junctions and Modulates Monocyte Transmigration," <i>J. Cell. Biol.</i> 142(1):117-127, 1998.
	DF	Munro, S., et al., "Characterization of Cadherins Expressed by Murine Thymocytes," <i>Cellular Immunology</i> 169:309-312, 1996.
	DG	Munro, S., et al., <i>Cell Adhesion and Invasion in Cancer Metastasis</i> , RG Landes Co., Austin, TX, 1996, Chap. 3, "The Structure, Function and Regulation of Cadherins," pp.17-34..
	DH	Newton, S., et al., "N-Cadherin Mediates Sertoli Cell-Spermatogenic Cell Adhesion," <i>Develop. Dynamics</i> 197:1-13, 1993.
	DI	Noë et al., "Inhibition of adhesion and induction of epithelial cell invasion by HAV-containing E-cadherin-specific peptides," <i>Journal of Cell Science</i> 112(1):127-135, January 1999.
	DJ	Nollett et al, "Phylogenetic Analysis of the Cadherin Superfamily allows Identification of Six Major Subfamilies Besides Several Solitary Members," <i>Journal of Molecular Biology</i> 299:551-572, 2000.
	DK	Overduin, M., et al., "Solution Structure of the Epithelial Cadherin Domain Responsible for Selective Cell Adhesion," <i>Science</i> 267:386-389, 20 January 1995.
	DL	Purohit, S., et al., "Impaired E-cadherin expression in human spermatozoa in a male factor infertility subset signifies E-cadherin-mediated adhesion mechanisms operative in sperm-oolemma interactions," <i>Biochemical and Biophysical Communications</i> 316:903-909, 2004.

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RT	DA		Ripka, A., et al., "Peptidomimetic design," <i>Current Opinion in Chemical Biology</i> 2:441-452 1998.	
	DB		Rosenberg, P., et al., "A Potential Role of R-cadherin in Striated Muscle Formation," <i>Developmental Biology</i> 187:55-70, 1997.	
	DC		Rowlands, T., et al., "Cadherins: Crucial regulators of structure and function in reproductive tissues," <i>Reviews in Reproduction</i> 5:53-61, 2000.	
	DD		Safell, J., et al., "Expression of a Dominant Negative FGF Receptor Inhibits Axonal Growth and FGF Receptor Phosphorylation Stimulated by CAMs," <i>Neuron</i> 18:231-242, 1997.	
	DE		Tamura, K., et al., "Structure-Function Analysis of Cell Adhesion by Neural (N-) Cadherin," <i>Neuron</i> 20:1153-1163, June 1998.	
	DF		Tsutsui et al., "Expression of Cadherin-Catenin Complexes in Human Leukemia Cell Lines," <i>J. Biochem.</i> 120:1034-1039, 1996.	
	DG		Williams, G., et al., "Dimeric Versions of Two Short N-cadherin Binding Motifs (HAVDI and INPISG) Function as N-Cadherin Agonists," <i>J. Biol. Chem.</i> 277(6):4361-4367, 2002.	
	DH		Williams, E., et al., "Activation of the FGF Receptor Underlies Neurite Outgrowth Stimulated by L1, N-CAM, and N-Cadherin," <i>Neuron</i> 13:583-594, September 1994.	
	DI			
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